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dot gain compensation using calibration curve

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## Patents

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### Dot gain calibration method and apparatus

US Pat. 6917448 - Filed May 21, 2003 - Creo IL. Ltd.

... said **curve** indicative of **compensation** for **dot gain**, said scheduled printing using a printing plate comprising a **calibration strip**, said **calibration** ...

### Printing apparatus with dot-gain compensation using spatial filter

US Pat. 6717601 - Filed Jul 16, 2002 - Eastman Kodak Company

PRINTING APPARATUS WITH DOT-GAIN COMPENSATION USING SPATIAL FILTER FIELD OF ...

However the ideal **dot-gain curve** on these systems is still different from ...

### Dot-gain calibration system

US Pat. 7054027 - Filed Aug 5, 2004 - Creo IL. Ltd.

... 65 using said **compensation** data to obtain said tone repro-duction **curve** if found,  
... 2 is a simplified chart showing an example of **dot gain** behavior ...

### CD XX O OX XX

US Pat. 7123384 - Filed Aug 5, 2004

**DOT GAIN CALIBRATION METHOD AND APPARATUS RELATIONSHIP TO EXISTING** ... a calibrated tone reproduction **curve** comprises: Using a prepress system and a CTP ...

### Method and apparatus for saturation compensation in total ink limited output

US Pat. 6084689 - Filed Mar 11, 1998 - Colorbus, Inc.

Smilansky et al. do not teach the use of their **calibration** technique with ...M, Y, and K color coordinates to **dot gain** corrected color coordinate data and ...

### Method for compensating for transfer characteristics of a printing system in a halftone screening process

US Pat. 5625716 - Filed Mar 15, 1994 - Adobe Systems Incorporated

10 15 20 25 30 35 After the **calibration** procedure shown in FIG. ... The methodof claim wherein the **dot gain compensation** function is derived from a **dot** ...

### Automatic calibration for output devices based on device output mode

US Pat. 6067406 - Filed Apr 24, 1996 - Agfa-Gevaert N.V.

In a last step, the **calibration curve** or transfer function is saved in ...**dot gain**, the selection of the transfer function may be based upon the **dot shape** ...

### Method of nonlinear calibration of halftone screen

US Pat. 6928390 - Filed Sep 24, 2003 - Destiny Technology Corporation

65 As we know, the **calibration compensation** is mainly used to reduce the effect of printing apparatus **dot gain**. In order to eliminate the effect of **dot gain** ...

### QUENCH COMPENSATION IN LIQUID SCINTILLATION SPECTROMETRY

US Pat. 3610928

1960), published in US most quenched (**dot line curve**) conditions; ... a **calibration curve** can be established relating the counting effi- Referring first to ...